	DOCUMENT		PATENT DOCUMENTS COUNTRY	CLASS	SUB	TRAN		
1	4,847,700	7/1989	Freeman	358	343			
	4,847,699	7/1989	Freeman	358	343			
	4,847,698	7/1989	Freeman	358	343			
	4,789,235	12/1988	Borah et al.	351	246			
	4,716,410	12/1987	Nozaki	358	86			
1	4,703,423	10/1987	Bado et al.	395	201			
1	4,638,359	1/1987	Watson	358	142			
	4,625,235	11/1986	Watson	358	86			
	4,602,279	7/1986	Freeman	358	86			
	4,573,072	2/1986	Freeman	358	86			
	4,475,123	10/1984	Dumbauld et al.	358	86	_		
	4,331,974	5/1982	Cogswell et al.	358	86			
	3,639,686	2/1972	Walker et al.	455	4.1			
urs	RE-34,340 3,366,731	1/1968	Wallerstein	358	86			
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		UNITED STAT	TES PATENT DOCUMENTS				
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My	4,850,007	7/1989	Marino et al.	379	67		
1	4,918,516	4/1990	Freeman	358	86		
	5,099,422	3/1992	Foresman et al.	358	86		
7	5,105,184	4/1992	Pirani et al.	345	115		
	5,155,591	10/1992	Wachob	455	4.2		
-	5,173,900	12/1992	Miller et al.	370	110.1		
	5,220,501	6/1993	Lawlor et al.	380	24		
٠	5,231,494	7/1993	Wachob	358	146		
	5,260,778	11/1993	Kauffman et al.	358	86		
	5,305,195	4/1994	Murphy	705	1		
	5,343,239	8/1994	Lappington et al.	348	12	·	
`	5,347,632	9/1994	Filepp et al.	395	200.32		
-	5,361,393	11/1994	Rossillo	395	651		
	5,377,354	12/1994	Scnnell et al.	395	673		
	5,424,770	6/1995	Schmelzer et al.	348	9		
₩ -	5,442,771	8/1995	Filepp et al.	395	200.49		
		FOREIGN	PATENT DOCUMENTS		7	1	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N	
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		UNITED STAT	TES PATENT DOCUMENTS			
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A ·	5,448,568	9/1995	Delpuch et al.	372	94.2	
1	5,499,046	3/1996	Schiller et al.	348	6	
	5,515,270	5/1996	Weinblatt	395	214	
1 .	5,519,433	5/1996	Lappington et al.	348	2	
,	5,526,035	6/1996	Lappington et al.	348	13	
1 .	5,537,141	7/1996	Harper et al.	348	12	
,	5,548,532	8/1996	Menand et al.	364	514	
	5,566,353	10/1996	Cho et al.	455	2	
-	5,584,025	12/1996	Keithley et al.	707	104	
:	5,585,858	12/1996	Harper et al.	348	485	
,	5,594,910	1/1997	Filepp et al.	395	800.28	
	5,617,142	4/1997	Hamilton	348	405	
1	5,632,007	5/1997	Freeman	395	75	
↓ ·	5,636,346	6/1997	Saxe	395	201	
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		UNITED STAT	ES PATENT DOCUMENTS				
EXAM. INITIAL	DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE II APPR	
SK.	5,638,113	6/1997	Lappington et al.	348	12		
0,	5,682,196	10/1997	Freeman	348	13		
,	5,717,923	2/1998	Dedrick	707	102		
,	5,724,091	3/1998	Freeman et al.	348	13		
	5,724,521	3/1998	Dedrick	705	26		
	5,734,413	3/1998	Lappington et al.	348	12		
	5,740,388	4/1998	Hunt	395	328		
1	5,740,549	4/1998	Reilly et al.	705	14		
-	5,761,601	6/1998	Nemirofsky et al.	455	3.1		
	5,764,275	6/1998	Lappington et al.	348	12		
	5,768,521	6/1998	Dedrick	395	200.54		
•	5,774,170	6/1998	Hite et al.	348	9		
V .	5,774,664	6/1998	Hidary et al.	395	200.48		
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		UNITED STAT	ES PATENT DOCUMENTS				
EXAM. NITIAL	DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR	
MX	5,784,095	7/1998	Robbins et al.	348	6		
	5,784,528	7/1998	Yamane et al.	386	112		
	5,796,945	8/1998	Tarabella	395	200.49		
1	5,802,314	9/1998	Tullis et al.	395	200.76		
	5,825,884	10/1998	Zdepski et al.	380	25		
-	5,867,208	2/1999	McLaren	348	13		
	5,887,243	3/1999	Harvey et al.	455	3.1		
	5,913,031	6/1999	Blanchard	395	200.34		
,	5,917,830	6/1999	Chen et al.	370	487		
	5,929,850	7/1999	Broadwin et al.	345	327		
,	5,937,331	8/1999	Kalluri et al.	455	6.1		
_	5,978,799	11/1999	Hirsch	707	4		
,	6,018,768	1/2000	Ullman et al.	709	218		
1	6,026,368	2/2000	Brown et al.	705	14		
		FOREIGN	PATENT DOCUMENTS				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N	
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EXAM. INITIAL	DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE II APPR		
ers	6,038,000	3/2000	Hurst Jr., et al.	348	845			
1 °	6,038,367	3/2000	Abecassis	386	46			
,	6,049,569	4/2000	Radha et al.	375	240			
	6,075,551	6/2000	Berezowski et al.	348	9			
	6,108,486	8/2000	Sawabe et al.	386	98	,		
•	6,137,834.	10/2000	Wine et al.	375	240			
	6,141,358	10/2000	Hurst, Jr. et al.	370	543			
1	6,343,287	1/2002	Kumar et al.	707	4			
	6,424,991	6/2002	Gish	709	203			
٧ -	6,466,975	10/2002	Sterling	709	223			
		FOREIGN	PATENT DOCUMENTS					
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